

20001206.ba v03_n052.bam.20001206

>From ???@??? Wed Dec 6 16:41:40 2000 -0600
Date: Wed, 6 Dec 2000 16:39:35 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3052
Message-Id: <20001206234740.C2EBA5F0C@devel43.theporch.com>

BOATANCHORS Digest 3052

Topics covered in this issue include:

- 1) WTB: Drake 1A Receiver
by "Freeberg, Scott (STP)" <scott.freeberg@guidant.com>
- 2) BA TELEPHONE
by JOHN.SEHRING@ecunet.org
- 3) PORTABLE VOM SHOP TALK
by JOHN.SEHRING@ecunet.org
- 4) BA COMPUTER
by JOHN.SEHRING@ecunet.org
- 5) Re: BA TELEPHONE
by Lenox Carruth <carruth@geo-thermal.com>
- 6) Re: BA COMPUTER
by Jack Harper <jharper@bsi2000.com>
- 7) Re: BA COMPUTER
by "Arthur I. Larky" <ail0@lehigh.edu>
- 8) re: loud speaker impedance
by Richard Loken <richardlo@devax.admin.athabascau.ca>
- 9) PORTABLE VOM SHOP TALK
by JOHN.SEHRING@ecunet.org
- 10) Re: loud speaker impedance
by Scott Robinson <spr@earthlink.net>
- 11) Re: Navy XARD RX?, touch of Midway radar
by William Donzelli <aw288@osfn.org>
- 12) Re: Navy XARD RX?, touch of Midway radar
by William Donzelli <aw288@osfn.org>
- 13) Re: loud speaker impedance
by Richard Loken <richardlo@devax.admin.athabascau.ca>
- 14) RE: loud speaker impedance
by Merz Donald S <merz.ds@mellon.com>
- 15) Navy XARD RX?, touch of Midway radar
by "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
- 16) RE: RG-62A/U
by "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
- 17) Re: Navy XARD RX?, touch of Midway radar
by "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
- 18) RE: BA TELEPHONE

- by Morris Odell <Morris0@vifp.monash.edu.au>
19) Portable VOM Shop Talk
by "Tom R. Rice" <tomrrrice@earthlink.net>
20) Re: BA COMPUTER
by john <johnmb@mindspring.com>
21) Re: Navy XARD RX?, touch of Midway radar
by William Donzelli <aw288@osfn.org>
22) RE: loud speaker impedance
by Bob Roehrig <broehrig@admin.aurora.edu>

Message-ID: <1D1B8647FA5CD411A02800508BDFD0A001628894@stpmsx03.stp.guidant.com>
From: "Freeberg, Scott (STP)" <scott.freeberg@guidant.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTB: Drake 1A Receiver
Date: Wed, 6 Dec 2000 08:30:17 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi,

I want to buy a Drake 1A receiver. Prefer decent physical and operational condition but will consider restoration unit. Thanks,

I sent this message out on Monday but I don't know if it was really sent as our company mail server has been shut down for the past 36 hours due to a virus.

73, Scott WA9WFA
<http://www.qsl.net/wa9wfa>

Date: Wed, 6 Dec 2000 11:02:26 -0500 (EST)
Message-Id: <200012061602.eB6G2Q010222@ecunet.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BA TELEPHONE
From: JOHN.SEHRING@ecunet.org

To: boatanchors@theporch.com

Recently, at an after school program for kids at our church, one of the kids needed to call a parent & asked to use the phone.

Our church is very thrifty so it still has a rotary dial phone. Well this young man looked at the phone & asked, "How do you use it?" After being shown, he thought it was so cool. A child of the touch tone age!

-John Sehring (12/06/00, temp. at RPSL MedCenter/Chicago) UCC WB0EQ

Date: Wed, 6 Dec 2000 11:02:27 -0500 (EST)
Message-Id: <200012061602.eB6G2RR06666@ecunet.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: PORTABLE VOM SHOP TALK
From: JOHN.SEHRING@ecunet.org

To: boatanchors@theporch.com

As someone pointed out upstream, some (most?) DVM's don't like RF around, don't read properly. VOM's & tube type VTVM's do fine.

I know this is true with my \$20 DVM but what about better ones, e.g. B-K or Fluke?

-John Sehring (12/06/00, temp. at RPSL MedCenter/Chicago) UCC WB0EQ

Date: Wed, 6 Dec 2000 11:02:26 -0500 (EST)
Message-Id: <200012061602.eB6G2QB24636@ecunet.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BA COMPUTER
From: JOHN.SEHRING@ecunet.org

To: boatanchors@theporch.com

Picked up a sample of computer BA yesterday from a fellow BAer. IBM punch cards. Remember those?

The two I have are part of a FORTRAN program of unknown function. The first one reads: IF (J-6) 117,117,716

I'm not a FORTRAN expert & don't have refs with me, but think it's a conditional, branching IF statement, based on the quantity (), branching to 3 different program lines?

The second: NOT(ID,J,K) = FIXR(L)

Array 3-D (,,) ??

-John Sehring (12/06/00, temp. at RPSL MedCenter/Chicago) UCC WB0EQ

Message-ID: <3A2E6970.7C67C8DB@geo-thermal.com>
Date: Wed, 06 Dec 2000 10:29:36 -0600
From: Lenox Carruth <carruth@geo-thermal.com>

MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: BA TELEPHONE
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John and the group,

We have similar glee at some of our public displays where we set up a BD-72 and several working EE-8s. Even adults will stand there and talk to someone 20 ft away and think that it is marvelous.

I don't know where we are going with all of this technology. When I was a kid, I had an aunt and uncle that had a phone that was voice operated, had call forwarding, voice messaging, automatic news service spam filter, etc. They just turned a little crank and asked for Mabel! The rest was automatic!

JOHN.SEHRING@ecunet.org wrote:

> Our church is very thrifty so it still has a rotary dial phone. Well this
> young man looked at the phone & asked, "How do you use it?" After being
> shown, he thought it was so cool. A child of the touch tone age!

--

Lenox

Lenox Carruth Dallas, TX carruth@geo-thermal.com
Collector of WW-II Communications Equipment and Memorabilia

Wanted: TBX-8 Antenna, Key, Canvas Case, Accessory Box

Message-Id: <4.1.20001206090944.041af8d8@mail.bsi2000.com>
Date: Wed, 06 Dec 2000 09:42:41 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Jack Harper <jharper@bsi2000.com>
Subject: Re: BA COMPUTER
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:02 12/6/2000 -0500, John Sehring wrote:

<der schnipel>

>

>The two I have are part of a FORTRAN program of unknown function. The

>first one reads: IF (J-6) 117,117,716

>

>I'm not a FORTRAN expert & don't have refs with me, but think it's a

>conditional, branching IF statement, based on the quantity (), branching to

>3 different program lines?

Yes -- J - 6 < 0 go to statement labeled 117; = 0 go to statement labeled 117; > 0 go to statement labeled 716.

That was the standard conditional leap used in Fortran II. Later Fortrans also supported the thing.

>

>The second: NOT(ID,J,K) = FIXR(L)

>

>Array 3-D (,,) ??

Yep -- setting the IDth, Jth, Kth element of three dimensional array NOT to whatever the value of FIXR(L) was/is -- FIXR could be a vector, a function defined by the programmer, or maybe a system routine that converted integer values (L) to something else...???

Regards to the List

Jack, W0YJ (Friend to all things Hammarlund -- and former FORTRAN programmer circa 1970)

>

> -John Sehring (12/06/00, temp. at RPSL MedCenter/Chicago) UCC WB0EQ

Jack Harper

BSI2000, Inc.

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Message-ID: <3A2E7183.55481C3@lehigh.edu>
Date: Wed, 06 Dec 2000 12:04:03 -0500
From: "Arthur I. Larky" <ail0@lehigh.edu>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: BA COMPUTER
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

JOHN.SEHRING@ecunet.org wrote:

> To: boatanchors@theporch.com
>
> Picked up a sample of computer BA yesterday from a fellow BAer. IBM punch
> cards. Remember those?
>
> The two I have are part of a FORTRAN program of unknown function. The
> first one reads: IF (J-6) 117,117,716
>
> I'm not a FORTRAN expert & don't have refs with me, but think it's a
> conditional, branching IF statement, based on the quantity (), branching to
> 3 different program lines?

Yes, if I remember correctly, the branches are chosen on + result, - result, =
result; However, I may be thinking of another language. I could look it up if
it mattered.

>
>
> The second: NOT(ID,J,K) = FIXR(L)

Yes, multidimensional arrays were common. Not would have to be an array name.
Not a very good choice because of NOT being a boolean function.

> Art K3HBA

Date: Wed, 06 Dec 2000 12:01:09 -0600 (MDT)
From: Richard Loken <richardlo@devax.admin.athabascau.ca>
Subject: re: loud speaker impedance

To: Old Tube Radios <boatanchors@theporch.com>

Message-id:

<Pine.PMDF.3.95.1001206115415.541150932D-1000000@devax.admin.athabascau.ca>

MIME-version: 1.0

Content-type: TEXT/PLAIN; charset=US-ASCII

Somebody just asked about determining the impedance of a speaker and I then tripped over an answer in the "Audio Cyclopia" second edition copyright 1969

Page 1137:

"20.145 What is the approximate ratio of dc resistance to the ac impedance of a loudspeaker voice coil?

A rule of thumb method of determining the impedance of an unknown voice coil is measure the dc resistance of the coil and increase the value by 15 to 20 percent..."

The give an example of a speaker with a DC resistance of 6.5 ohm being an eight ohm speaker.

Richard Loken VE6BSV, Systems Programmer - VMS

Athabasca University

Athabasca, Alberta Canada

** richardlo@admin.athabascau.ca **

Date: Wed, 6 Dec 2000 14:30:17 -0500 (EST)

Message-Id: <200012061930.eB6JUHj13972@ecunet.org>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: PORTABLE VOM SHOP TALK

From: JOHN.SEHRING@ecunet.org

Used PSM-6 as a teenage Air Force tech in 60's to work on F-105D's. We called 'em "piss-um sixes". Solid.

-John Sehring (12/06/00, temp. at RPSL MedCenter/Chicago) UCC WB0EQ

Message-ID: <3A2E9AE6.B9CE16C6@earthlink.net>

Date: Wed, 06 Dec 2000 12:00:38 -0800

From: Scott Robinson <spr@earthlink.net>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: loud speaker impedance

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Richard,

That's right! Here's an application for room temperature superconductors.

Further, the impedance will vary over a range of at least 4:1 as the frequency is varied.

This is why I don't get very fussy over exact output transformer replacement turns ratios.

Regards,

/scott

Richard Loken wrote:

```
>
> Somebody just asked about determining the impedance of a speaker and I then
> tripped over an answer in the "Audio Cyclopaedia" second edition copyright 1969
>
> Page 1137:
>
> "20.145 What is the approximate ratio of dc resistance to the ac impedance
> of a loudspeaker voice coil?
> A rule of thumb method of determining the impedance of an unknown voice
> coil is measure the dc resistance of the coil and increase the value by
> 15 to 20 percent..."
>
> The give an example of a speaker with a DC resistance of 6.5 ohm being an
> eight ohm speaker.
> ---
> Richard Loken VE6BSV, Systems Programmer - VMS
> Athabasca University
> Athabasca, Alberta Canada
> ** richardlo@admin.athabascau.ca **
```

--

Scott Robinson
spr@earthlink.net

Junque is GOOD for you!

Date: Wed, 6 Dec 2000 14:59:28 -0500 (EST)
From: William Donzelli <aw288@osfn.org>
To: Old Tube Radios <boatanchors@theporch.com>
cc: RWDowns_WA5CAB@compuserve.com, radarmus@erols.com, rfisher@okitele.com,
richwurtz@juno.com, boatanchors@theporch.com
Subject: Re: Navy XARD RX?, touch of Midway radar

Message-ID: <Pine.SUN.3.91-FP.1001206144215.1097F-1000000@osfn.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Wonder if "passive" meant tuned lines, xtal, headphones, yagi?
> That'd sure doit.

Yes, at least for the ARD-2 (a later production version). Not as rare as one might think, as Baranowski had at least thirty of the sets, all new in the crate.

> Anyway AWA Chesson's Navy directory jumps from sorta common ASB to ASE &
> just says "radio receiver." Anyone ever see a ASD, much less the
> prototype XARD? Quite a personal discovery, this.

ASD turned into the AN/APS-3. Sperry built both of them, but I think the Navy nomenclatured ASD was not made in significant numbers. The identical (probably) AN/APS-3 was. Baranowski had some ASD tagged mounts a few years back, and forgot about them. Now I can not find them.

> Wm. Donzelli guessed British AS/V mighta been @ Midway (187 mc British VHF
> made here as ASE by WE/Philco in '42 [AWA Chesson])

Really hard to say if it was a British set on "reverse Lend-Lease" or a real US ASE. Real US ASEs were made, and a set sold on Ebay a short time ago.

> Book subsequently points out "radar lobe switching" equipment used
> effectively in later convoy discovery - if ASV had one yagi, then mentioned
> "radar lobe switching" equipment must have been later been
> twin-yagi ASBs.

Judging from the pictures I have of the ASE parts offered on Ebay, it looks like the transmitter has two antenna connections. I looked at my BC-1084-A (basically, a ground version of the ASE indicator built for the Canadians), and it looks like it wants two sources of video. I think we can assume that like the ASBs, the dual inputs are for lobe switching.

> So there's a working ASB tx (W2CQH) in these parts & still nothing to
> really support my Midway ASB guess. However Torpedo Squadron 8's (TBFs)
> Ensign Gay lived here & his surviving Navy pals may have info.

I still need connectors for my ASBs, but I would like to get mine going as well (one ASB-4 with the old style receiver, and one ASB-5 (incomplete) with the new style receiver).

William Donzelli
aw288@osfn.org

Date: Wed, 6 Dec 2000 15:02:36 -0500 (EST)
From: William Donzelli <aw288@osfn.org>
To: Old Tube Radios <boatanchors@theporch.com>
cc: polepeeg@aa4rm.ba-watch.org, RWDowns_WA5CAB@compuserve.com,
radarmus@erols.com, rfisher@okitele.com, richwurtz@juno.com,
boatanchors@theporch.com
Subject: Re: Navy XARD RX?, touch of Midway radar
Message-ID: <Pine.SUN.3.91-FP.1001206145939.1097G-1000000@osfn.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> The Japs had several radars that operated from 40Mc to about 200 Mc.
> Many were copies of early UK sets.

The Japanese also copied SCR-268s as well, as the US lost them very early in the war.

> Some the PBV's had the Navy version of the APS 4, the ASD if I remember
> correctly, mounted just above the cockpit in front of the pylon.

ASH, I think.

William Donzelli
aw288@osfn.org

Date: Wed, 06 Dec 2000 13:03:21 -0600 (MDT)
From: Richard Loken <richardlo@devax.admin.athabascau.ca>
Subject: Re: loud speaker impedance
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Message-id:
<Pine.PMDF.3.95.1001206130117.541150932G-1000000@devax.admin.athabascau.ca>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII

On Wed, 6 Dec 2000, Scott Robinson wrote:

> Further, the impedance will vary over a range of at least 4:1 as the
> frequency is varied.
>
> This is why I don't get very fussy over exact output transformer
> replacement turns ratios.

And you too are right Scott. The impedance of speakers varies so wildly that I personally could not care if it was four or eight ohms - especially on solid state equipment without an output transformer.

Richard Loken VE6BSV, Systems Programmer - VMS
Athabasca University
Athabasca, Alberta Canada
** richardlo@admin.athabascau.ca **

Message-ID: <20001206203349.22947.qmail@mellon.com>
From: Merz Donald S <merz.ds@mellon.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: loud speaker impedance
Date: Wed, 6 Dec 2000 15:28:42 -0500
MIME-Version: 1.0
Content-Type: text/plain

Uh, well, okay, maybe... I am no expert, but while I think the theory here is basically sound, something is missing. Yes, sound does come out at virtually any impedance in the ballpark. Is the sound quality affected? To my ears the answer is yes.

To take extreme cases, my experience is that if you plug a 4 ohm rated speaker into a guitar amplifier designed for an 8 ohm load, you will definitely hear a degradation in sound quality if it is a tube amp. Modern solid state amps that I have seen have a crowbar circuit that reduces output to protect the amp. At some point the output disappears if the load impedance is too low. This effect is quite noticeable if you attach a 2 ohm load to an amp designed for a 4 ohm load.

So does the impedance vary with frequency? No question about it--yes. Does that mean that impedance doesn't matter? That may be going a bit too far.

73, Don Merz, N3RHT/AG

> -----Original Message-----

> From: Richard Loken [SMTP:richardlo@devax.admin.athabascau.ca]

> Sent: Wednesday, December 06, 2000 2:03 PM

> To: Old Tube Radios

> Cc: Old Tube Radios

> Subject: Re: loud speaker impedance

>

> On Wed, 6 Dec 2000, Scott Robinson wrote:

>

> > Further, the impedance will vary over a range of at least 4:1 as the
> > frequency is varied.

> >

> > This is why I don't get very fussy over exact output transformer
> > replacement turns ratios.

>
> And you too are right Scott. The impedance of speakers varies so wildly
> that
> I personally could not care if it was four or eight ohms - especially on
> solid state equipment without an output transformer.
> ---
> Richard Loken VE6BSV, Systems Programmer - VMS
> Athabasca University
> Athabasca, Alberta Canada
> ** richardlo@admin.athabascau.ca **

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person is not authorized. If you are not the intended recipient please
notify us immediately by returning e-mail to the originator.

Date: Wed, 6 Dec 2000 15:32:22 -0500
From: "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
Subject: Navy XARD RX?, touch of Midway radar
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "[unknown]" <richwurtz@juno.com>, "[unknown]" <rfisher@okitele.com>,
"[unknown]" <radarmus@erols.com>, "[unknown]" <aw288@osfn.org>,
"[unknown]" <boatanchors@theporch.com>
Message-ID: <200012061532_MC2-BD96-2F6F@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Marty,

Any relationship other than coincidental between ARD and XARD? I've got =
a
bunch of the former.

Robert Downs
<RWDowns_WA5CAB@compuserve.com>
Houston

Date: Wed, 6 Dec 2000 15:32:24 -0500
From: "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
Subject: RE: RG-62A/U
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200012061532_MC2-BD96-2F70@compuserve.com>

MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Luc & Group,

RG-62 is 90 ohm coax, and has about the lowest capacitance per foot of the commonly available small coax types. It is used in ARCNET LAN wiring, and was also used with an off-brand mini years ago called Four-Phase I think. =

The other common use is in cables for ultrasonic inspection transducers, because of the low capacitance per foot. In one of my former lives, I used thousands of feet of it for this purpose. However, given the length and the BNC termination, I'd bet that what you found came out of a LAN.

Message text written by Old Tube Radios

>yesterday i bought many hundred feet of rg-62a at the scrap yard. they come in length from 60 feet to 125 feet with bnc connectors at each end. i'm not sure but i think rg-62a was discussed on this ng last summer. is it possible it was used to transform between 75 ohms to 50 ohms coaxes?
<

73,
Robert Downs
<RWDowns_WA5CAB@compuserve.com>
Houston

Date: Wed, 6 Dec 2000 15:45:22 -0500
From: "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
Subject: Re: Navy XARD RX?, touch of Midway radar
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Marty's Refl. Drop" <polepeeeg@aaa4rm.ba-watch.org>,
"[unknown]" <boatanchors@theporch.com>, "[unknown]" <richwurtz@juno.com>,
"[unknown]" <rfisher@okitele.com>, "[unknown]" <radarmus@erols.com>
Message-ID: <200012061545_MC2-BD9F-E879@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;

charset=ISO-8859-1

Content-Disposition: inline

Message text written by William Donzelli

>Yes, at least for the ARD-2 (a later production version). Not as rare as=
=

one might think, as Baranowski had at least thirty of the sets, all new =
in the crate. =

<

They had 69 of them, 67 of which are still in one of my storage buildings=
. =

:~) Incidentally, the AC power supply section, being 115/60, would be
great for receiver type home--brew supplies. Too bad none of the
transformers or chokes were in the spare parts boxes, or I would have lon=
g
ago offered them to the groups for that purpose. Of course, they could b=
e
removed from the receivers, but that constitutes "work".

73,

Robert Downs

<RWDowns_WA5CAB@compuserve.com>

Houston

Message-ID: <07A064EA6042D4118A62009027F70E77873E@nt_exchange.vifp.monash.edu.au>
From: Morris Odell <MorrisO@vifp.monash.edu.au>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: BA TELEPHONE
Date: Thu, 7 Dec 2000 08:08:20 +1100
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

> still has a rotary dial
> phone. Well this
> young man looked at the phone & asked, "How do you use it?"
> After being
> shown, he thought it was so cool. A child of the touch tone age!

Recently I was showing my boatanchorium to a cousin's son who is doing a PhD

in what is now called electrical engineering at my alma mater. After marvelling at the vacuum tubes (he was especially impressed by nixies) he was looking at a Tek 529 TV waveform monitor. I set it up to look at a local station and explained the features of the colour TV waveform to him (he's never seen that either). He asked:

"How does the receiver convert the demodulated phase variations into colours? Do they use a lookup table?"

An intelligent question for one of his generation, and one that really shows the digital gulf in the way engineers think nowadays.

73 de Morris VK3DOC

Message-ID: <001501c05fcb\$faacc3c0\$918bf7d1@tomrrice>
From: "Tom R. Rice" <tomrrice@earthlink.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Portable VOM Shop Talk
Date: Wed, 6 Dec 2000 12:45:45 -0800
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

'Way back in 1948, I was a Junior in high school and, for my birthday, my folks gave me a Triplett 666-HH VOM. I still have it, works fine, just had it calibrated, wouldn't be without it. It cost about \$24 in those days. Yeah, it's only 1000 ohms/volt, but we knew how to deal with that.

Old radios deserve old test gear!

73 de WB6BYH

.....never without a beer, a gun, and a bad word for the federal government!

Message-Id: <3.0.3.32.20001206173537.00dafea0@mindspring.com>
Date: Wed, 06 Dec 2000 17:35:37 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@mindspring.com>
Subject: Re: BA COMPUTER
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:04 PM 12/6/00 -0500, Arthur I. Larky wrote:

>> The second: NOT(ID,J,K) = FIXR(L)

>

>Yes, multidimensional arrays were common. Not would have to be an array name.

>Not a very good choice because of NOT being a boolean function.

>

True...and isn't "NOT" here an integer variable, in this case being equivalenced to a floating point (FIXR)?

This might be one of my freshman Fortran decks!!!

:-)

John

John Brewer - WB50AU/4

AMI #24

Clayton NC

johnmb@mindspring.com

Date: Wed, 6 Dec 2000 17:35:23 -0500 (EST)

From: William Donzelli <aw288@osfn.org>

To: Old Tube Radios <boatanchors@theporch.com>

cc: RWDowns_WA5CAB@compuserve.com, polepeeg@aa4rm.ba-watch.org,
boatanchors@theporch.com, richwurtz@juno.com, rfisher@okitele.com,
radarmus@erols.com

Subject: Re: Navy XARD RX?, touch of Midway radar

Message-ID: <Pine.SUN.3.91-FP.1001206173428.1097M-100000@osfn.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

> > They had 69 of them, 67 of which are still in one of my storage
> > buildings.

You mean Baranowski only managed to find three suckers to buy the damn things?! You, me, and someone else?

William Donzelli

aw288@osfn.org

Date: Wed, 6 Dec 2000 16:37:36 -0600 (CST)

From: Bob Roehrig <broehrig@admin.aurora.edu>

To: Old Tube Radios <boatanchors@theporch.com>

cc: Old Tube Radios <boatanchors@theporch.com>

Subject: RE: loud speaker impedance

Message-ID: <Pine.OSF.3.96.1001206163402.16863A-100000@admin.aurora.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 6 Dec 2000, Merz Donald S wrote:

> To take extreme cases, my experience is that if you plug a 4 ohm rated
> speaker into a guitar amplifier designed for an 8 ohm load, you will
> definitely hear a degradation in sound quality if it is a tube amp.

I agree, at least in some cases. Some amps have negative feedback and/or damping which can change with different load impedances. Even a fairly simple bare-bones audio amp, such as in a lot of boatanchors can sound different with different speaker Z's. I try and stay with what they were designed to see. The speaker impedance will stay pretty close to the nominal value except where it is resonant, where it may go as high as 10 times the nominal Z.

"Nostalgia is a thing of the past"

E-mail: broehrig@admin.aurora.edu or k9eui@arrl.net 73 de Bob, K9EUI

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PLEASE PUT ALL REPLIES IN ASCII TEXT ONLY

End of BOATANCHORS Digest 3052
